

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,102,786 B2  
APPLICATION NO. : 09/970084  
DATED : September 5, 2006  
INVENTOR(S) : Naoki Takahashi et al.

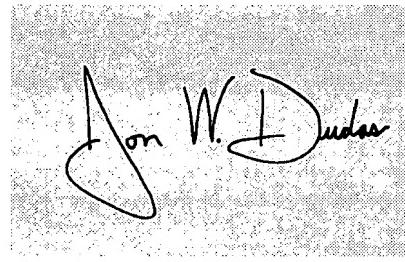
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21, line 43, change "edge points thought to document edge points and an" to  
-- edge points thought to be document edge points and an --

Signed and Sealed this

Tenth Day of April, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*